504159716 12/30/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4206391

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW WOZNIAK	12/15/2016
MEHMET KUCUKGOZ	12/15/2016
ABHIJIT SARKAR	12/19/2016

RECEIVING PARTY DATA

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City:	REDMOND
State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15385711

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KYLE B. RINEHART, KLARQUIST SPARKMAN LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	3382-98043-02
NAME OF SUBMITTER:	KYLE B. RINEHART
SIGNATURE:	/Kyle B. Rinehart/
DATE SIGNED:	12/30/2016

Total Attachments: 6

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PATENT ASSIGNMENT

inventor of subject matter application entitled "ARCH	("ASSIGNOR"), am the orig ("INVENTION") disclosed a IITECTURE FOR RENDERINC IGE DISPLAY DEVICES" ("AP	nd/or claimed in a pat HIGH DYNAMIC RANG	ent
legal repr Microsoft REPRESEN and given Trademar	d. ASSIGNOR hereby authorsentatives, of Microsoft Toward Way, Redmond, Washington TATIVES) to insert here in page 25/385,71 k Office) this APPLICATION ten known;	echnology Licensing, L on 98052 (ASSIGNEE'S L parentheses (filed on _ 1 by the United State	LC, One EGAL 12/20/2016 s Patent and
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behalf of itself and its sud desirous of acquiring, the right of priority, in the IN' patents derived therefron	gy Licensing, LLC, a Washi cessors and assigns ("ASSI entire and exclusive right: VENTION and the APPLICAT n, such as continuing appli erritories, and all foreign c	GNEE"), is entitled to, a s, title and interest, inc TION (and all other app cations, in whole or in	and is Juding the lications and part,in and
	authorizes, and requests, A No., filing date, and Office S after they are known;		
Application No.	Filing Date	Office	

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to

the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (APPLICATION DERIVATIVES));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature Date

Matthew Wozniak
Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Mehmet Kucukgo inventor of subject matter application entitled "ARCH ENHANCED DYNAMIC RAN	IITECTURE FOR RENDERIN	and/or claimed in a par G HIGH DYNAMIC RANG	tent
legal repro Microsoft REPRESEN and given Trademari	d. ASSIGNOR hereby autiesentatives, of Microsoft Tway, Redmond, Washingt TATIVES) to insert here in Application No. 15/385,7 k Office) this APPLICATION en known;	Fechnology Licensing, Longery 198052 (ASSIGNEE'S $^{\circ}$ parentheses (filed on $^{\circ}$ by the United State	LC, One LEGAL 12/20/2016, es Patent and
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behalf of itself and its suc desirous of acquiring, the right of priority, in the INV patents derived therefrom for the United States, its to DERIVATIVES"));	entire and exclusive right ENTION and the APPLICA , such as continuing appl	ts, title and interest, inc TION (and all other app ications, in whole or in countries ("APPLICATIO	cluding the dications and part,in and N
to insert the Application N APPLICATION DERIVATIVES	o., filing date, and Office		
Application No.	Filing Date	Office	

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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

Date

Mehmet Kucukgoz

Printed Name in English

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Abhijit Sarkar ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ARCHITECTURE FOR RENDERING HIGH DYNAMIC RANGE VIDEO ON ENHANCED DYNAMIC RANGE DISPLAY DEVICES" ("APPLICATION"), which:			
legal representa Microsoft Way, R REPRESENTATIVE and given Applic	tives, of Microsoft Techno ledmond, Washington 980 ES) to insert here in parent cation No. <u>15/385,711</u> by e) this APPLICATION's App	3,	
was filed on and was given Application No by the United States Patent and Trademark Office;			
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part,in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any			
APPLICATION DERIVATIVES after they are known;			
Application No.	Filing Date	Office	

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to

the ASSIGNEE, ASSIGNOR'S entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (APPLICATION DERIVATIVES));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

| Abhijit Sarkar | Printed Name in English | Printed Name in Native Language (if other than English)

RECORDED: 12/30/2016